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MATTHEW RODRIGUEZ  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

## State Water Resources Control Board

Division of Drinking Water

March 10, 2016  
System No.: 5410022

Kirk Klemcke, Operator  
Camp Nelson Mutual Water Company  
P.O. Box 2217  
Camp Nelson, CA 93208

RE: Citation No. 03-12-16C-003  
Violation of Provision of Domestic Water Supply Permit No. 03-12-13P-010 for  
Surface Water Treatment Technique

Dear Mr. Klemcke,

Enclosed is a Citation issued to the Camp Nelson Mutual Water Company (Water System) public water system.

The Water System will be billed at the Division's hourly rate (currently estimated at \$153.00) for the time spent on issuing this Citation. The California Health and Safety Code Section 116577 provides that a public water system must reimburse the Division for actual costs incurred by the Division for specified enforcement actions, including but not limited to, preparing, issuing and monitoring compliance with a citation. At this time, the Division has spent approximately 2 hours on enforcement activities associated with this violation.

The Water System will receive a bill sent from the Division of Drinking Water Fee Billing Unit in August of the next fiscal year. This bill will contain fees for any enforcement time spent for the current fiscal year.

If you have any questions regarding this letter and the enclosed citation, please contact Shen Huang or me at (559) 447-3300.

Sincerely,

Tricia A. Wathen, P.E.  
Senior Sanitary Engineer, Visalia District  
SOUTHERN CALIFORNIA BRANCH  
DRINKING WATER FIELD OPERATIONS

TAW/SH

Enclosures

cc: Tulare County Environmental Health Department (Citation only)  
Camp Nelson Mutual Water Company Board of Directors

STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
DIVISION OF DRINKING WATER

**Name of Public Water System:** Camp Nelson Mutual Water Company

**Water System No:** 5410022

**Attention:** Kirk Klemcke, Operator  
Board of Directors  
P.O. Box 2217  
Camp Nelson, CA 93208

**Issued:** March 10, 2016

CITATION FOR NONCOMPLIANCE  
FOR VIOLATION OF PROVISION OF  
DOMESTIC WATER SUPPLY PERMIT NO. 03-12-13P-010  
FOR SURFACE WATER TREATMENT TECHNIQUE  
DECEMBER 2015

The California Health and Safety Code (hereinafter "CHSC"), Section 116650 authorizes the State Water Resources Control Board (hereinafter "State Board") to issue a citation to a public water system when the State Board determines that the public water system has violated or is violating the California Safe Drinking Water Act (hereinafter "California SDWA"), (CHSC, Division 104, Part 12, Chapter 4, commencing with Section 116270), or any regulation, standard, permit, or order issued or adopted thereunder.

1 In addition, CHSC, Section 116540 authorizes State Board to issue domestic water supply  
2 permits and to be able to impose permit conditions and requirements for system  
3 improvements.

4  
5 The State Board, acting by and through its Division of Drinking Water (hereinafter "Division")  
6 and the Deputy Director for the Division, hereby issues this citation pursuant to Section 116650  
7 of the CHSC to the Camp Nelson Mutual Water Company (hereinafter "System") for violation of  
8 a directive of Domestic Water Supply Permit No. 03-12-13P-010.

9  
10 A copy of the applicable statutes and regulations are included in Appendix 1, which is attached  
11 hereto and incorporated by reference.

#### 12 13 STATEMENT OF FACTS

14 The System is classified as a community water system with a population of approximately 69  
15 persons, serving 300 service connections. The System is operating under Domestic Water  
16 Supply Permit No. 03-12-13P-010 (hereinafter "Permit"), issued on February 21, 2013.

17  
18 The System supply utilizes Belknap Creek, an approved surface water source. The surface  
19 water source receives in-line filtration treatment followed by chlorination disinfection prior to  
20 entering the distribution system. The Division has approved the System's in-line filtration  
21 treatment as an alternative filtration technology. The System is required to treat the surface  
22 water to 0.1 Nephelometric Turbidity Unit (NTU) in the 95<sup>th</sup> percentile for turbidity readings. In  
23 December 2015 the System's 95<sup>th</sup> Percentile had a value of 0.224 NTU.

#### 24 25 DETERMINATION

26 The Permit includes conditions that the System is required to comply with, which were deemed  
27 necessary to assure a reliable and adequate supply of water at all times that is pure,

wholesome, potable, and does not endanger the health of consumers. Please see Appendix 2 for a copy of the System's Water Supply Permit. The conditions included the following:

7. *The System shall treat its raw water supply to reliably provide a minimum total reduction for 3.0-log Giardia cyst, 4.0-log viruses and 2.0-log Cryptosporidium through the filtration and disinfection processes. The Division credits in-line treatment technology with 2.0-log Giardia cyst, 1.0-log virus removal and 2.0-log cryptosporidium reduction if the plant meets 0.1 NTU in the 95<sup>th</sup> percentile value.*

The System's 95<sup>th</sup> Percentile NTU value for all turbidity readings during December 2015 was 0.224 NTU. The average turbidity readings for dates 12/24/15, 12/25/15, and 12/26/15 exceeded the performance standard of 0.1 NTU with the following respective values: 0.163 NTU, 0.255 NTU, and 0.235 NTU. Table 1 shows the System's 2015 monthly turbidity values.

Therefore, the Division has determined that during December 2015 the System has failed to comply with Provision No. 7 of Domestic Water Supply Permit No. 03-12-13P-010.

**Table 1: Camp Nelson Mutual Water Company's 2015 Effluent Turbidity Values**

Month	95 <sup>th</sup> Percentile Turbidity (NTU)	Maximum Turbidity (NTU)
January	0.028	0.029
February	0.050	0.078
March	0.037	0.042
April	0.039	0.042
May	0.054	0.071
June	0.034	0.040
July	0.088	0.127
August	0.025	0.029
September	0.022	0.025
October	0.044	0.099
November	0.055	0.061
December	0.224	0.291

**DIRECTIVES**

The System is hereby directed to take the following actions:

1. Comply with comply with Provision No. 7 of Domestic Water Supply Permit No. 03-12-13P-010 in all future monitoring periods.
2. On or before **April 15, 2016**, notify all persons served by the System of the turbidity performance standard violation, in conformance with CCR, Title 22, Sections 64463.4 and 64465. Copies of Section 64463.4 and 64465 are included in Appendix 1. Appendix 2: Notification Template shall be used to fulfill this directive, unless otherwise approved by the Division. The notice shall be distributed by mail or direct delivery to each customer served by the System and by at least one secondary method as required in Section 64463.4(c).
3. The System shall submit proof of the public notification conducted in compliance with Directive No. 2, herein above, within 10 days following each such notification, using the form provided as Appendix 4, hereto.
4. The System shall include this violation in the 2015 Consumer Confidence Report in accordance with CCR, Title 22, Section 64481(g)(1).

1 All submittals required by this Citation shall be submitted to the Division at the following  
2 address:

3 Tricia Wathen, P.E., Senior Sanitary Engineer  
4 State Water Resources Control Board  
5 Division of Drinking Water, Visalia District  
6 265 W. Bullard Ave, Suite 101  
7 Fresno, CA 93704

8 The State Board reserves the right to make such modifications to the Citation as it may deem  
9 necessary to protect public health and safety. Such modifications may be issued as  
10 amendments to this Citation and shall be effective upon issuance.

11 Nothing in this Citation relieves the System of its obligation to meet the requirements of the  
12 California SDWA (CHSC, Division 104, Part 12, Chapter 4, commencing with Section 116270),  
13 or any regulation, standard, permit or order issued or adopted thereunder.  
14

15 **PARTIES BOUND**

16 This Citation shall apply to and be binding upon the System, its owners, shareholders, officers,  
17 directors, agents, employees, contractors, successors, and assignees.  
18

19 **SEVERABILITY**

20 The directives of this Citation are severable, and the System shall comply with each and every  
21 provision hereof, notwithstanding the effectiveness of any other provision.  
22

23 **FURTHER ENFORCEMENT ACTION**

24 The California SDWA authorizes the State Board to: issue a citation with assessment of  
25 administrative penalties to a public water system for violation or continued violation of the  
26 requirements of the California SDWA or any regulation, permit, standard, citation, or order  
27 issued or adopted thereunder including, but not limited to, failure to correct a violation identified

1 in a citation or compliance order. The California SDWA also authorizes the State Board to take  
2 action to suspend or revoke a permit that has been issued to a public water system if the public  
3 water system has violated applicable law or regulations or has failed to comply with an order of  
4 the State Board, and to petition the superior court to take various enforcement measures  
5 against a public water system that has failed to comply with an order of the State Board. The  
6 State Board does not waive any further enforcement action by issuance of this Citation.

7  
8  
9 Tricia A. Wathen

10 Tricia Wathen, P.E.  
11 Senior Sanitary Engineer, Visalia District  
12 DRINKING WATER FIELD OPERATIONS BRANCH

March 10, 2016

Date

13 TAW/SH

14 Appendix 1: Applicable Statutes and Regulations  
15 Appendix 2: System's Water Supply Permit  
16 Appendix 3: Notification Template  
17 Appendix 4: Proof of Notification Form

18 Certified Mail No. 7015 1660 0000 0781 9562



## APPENDIX 1

### Applicable Statutes and Regulations for Citation No. 03\_12\_16C\_003

#### FOR VIOLATION OF PROVISION OF DOMESTIC WATER SUPPLY PERMIT NO. 03-12-13P-010

**Section 116271 of the CHSC states in relevant part:**

(a) The State Water Resources Control Board succeeds to and is vested with all of the authority, duties, powers, purposes, functions, responsibilities, and jurisdiction of the State Department of Public Health, its predecessors, and its director for purposes of all of the following:

- (1) The Environmental Laboratory Accreditation Act (Article 3 (commencing with Section 100825) of Chapter 4 of Part 1 of Division 101).
- (2) Article 3 (commencing with Section 106875) of Chapter 4 of Part 1.
- (3) Article 1 (commencing with Section 115825) of Chapter 5 of Part 10.
- (4) This chapter and the Safe Drinking Water State Revolving Fund Law of 1997 (Chapter 4.5 (commencing with Section 116760)).
- (5) Article 2 (commencing with Section 116800), Article 3 (commencing with Section 116825), and Article 4 (commencing with Section 116875) of Chapter 5.
- (6) Chapter 7 (commencing with Section 116975).
- (7) The Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006 (Division 43 (commencing with Section 75001) of the Public Resources Code).
- (8) The Water Recycling Law (Chapter 7 (commencing with Section 13500) of Division 7 of the Water Code).
- (9) Chapter 7.3 (commencing with Section 13560) of Division 7 of the Water Code.
- (10) The California Safe Drinking Water Bond Law of 1976 (Chapter 10.5 (commencing with Section 13850) of Division 7 of the Water Code).
- (11) Wholesale Regional Water System Security and Reliability Act (Division 20.5 (commencing with Section 73500) of the Water Code).
- (12) Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002 (Division 26.5 (commencing with Section 79500) of the Water Code).

(b) The State Water Resources Control Board shall maintain a drinking water program and carry out the duties, responsibilities, and functions described in this section. Statutory reference to "department," "state department," or "director" regarding a function transferred to the State Water Resources Control Board shall refer to the State Water Resources Control Board. This section does not impair the authority of a local health officer to enforce this chapter or a county's election not to enforce this chapter, as provided in Section 116500...

- (k)
- (1) The State Water Resources Control Board shall appoint a deputy director who reports to the executive director to oversee the issuance and enforcement of public water system permits and other duties as appropriate. The deputy director shall have public health expertise.
  - (2) The deputy director is delegated the State Water Resources Control Board's authority to provide notice, approve notice content, approve emergency notification plans, and take other action pursuant to Article 5 (commencing with Section 116450), to issue, renew, reissue, revise, amend, or deny any public water system permits pursuant to Article 7 (commencing with Section 116525), to suspend or revoke any public water system permit pursuant to Article 8 (commencing with Section 116625), and to issue citations, assess penalties, or issue orders pursuant to Article 9 (commencing with Section 116650). Decisions and actions of the deputy director taken pursuant to Article 5 (commencing with Section 116450) or Article 7 (commencing with Section 116525) are deemed decisions and actions taken, but are not subject to reconsideration, by the State Water Resources Control Board. Decisions and actions of the deputy director taken pursuant to Article 8 (commencing with Section 116625) and Article 9 (commencing with Section 116650) are deemed decisions and actions taken by the State Water Resources Control Board, but any aggrieved person may petition the State Water Resources Control Board for reconsideration of the decision or action. This subdivision is not a limitation on the State Water Resources Control Board's authority to delegate any other powers and duties.

**Section 116555(a)(1) of the CHSC states in relevant part:**

- (a) Any person who owns a public water system shall ensure that the system does all of the following:
- (1) Complies with primary and secondary drinking water standards.

**Section 116540 of the CHSC states in relevant part:**

Following completion of the investigation and satisfaction of the requirements of subdivisions (a) and (b), the department shall issue or deny the permit. The department may impose permit conditions, requirements for system improvements, and time schedules as it deems necessary to assure a reliable and adequate supply of water at all times that is pure, wholesome, potable, and does not endanger the health of consumers.

(a) No public water system that was not in existence on January 1, 1998, shall be granted a permit unless the system demonstrates to the department that the water supplier possesses adequate financial, managerial, and technical capability to assure the delivery of pure, wholesome, and potable drinking water. This section shall also apply to any change of ownership of a public water system that occurs after January 1, 1998.



(b) No permit under this chapter shall be issued to an association organized under Title 3 (commencing with Section 18000) of Division 3 of the Corporations Code. This section shall not apply to unincorporated associations that as of December 31, 1990, are holders of a permit issued under this chapter.

**Section 116650 of the CHSC states in relevant part:**

- (a) If the department determines that a public water system is in violation of this chapter or any regulation, permit, standard, citation, or order issued or adopted thereunder, the department may issue a citation to the public water system. The citation shall be served upon the public water system personally or by certified mail. Service shall be deemed effective as of the date of personal service or the date of receipt of the certified mail. If a person to whom a citation is directed refuses to accept delivery of the certified mail, the date of service shall be deemed to be the date of mailing.
- (b) Each citation shall be in writing and shall describe the nature of the violation or violations, including a reference to the statutory provision, standard, order, citation, permit, or regulation alleged to have been violated.
- (c) A citation may specify a date for elimination or correction of the condition constituting the violation.
- (d) A citation may include the assessment of a penalty as specified in subdivision (e).
- (e) The department may assess a penalty in an amount not to exceed one thousand dollars (\$1,000) per day for each day that a violation occurred, and for each day that a violation continues to occur. A separate penalty may be assessed for each violation.

**Section 64463.4 (Tier 2 Public Notice) of CCR states in relevant part:**

- (a) A water system shall give public notice pursuant to this section if any of the following occurs:
  - (1) Any violation of the MCL, MRDL, and treatment technique requirements, except:
    - (A) Where a Tier 1 public notice is required under section 64463.1; or
    - (B) Where the State Board determines that a Tier 1 public notice is required, based on potential health impacts and persistence of the violations;
  - (2) All violations of the monitoring and testing procedure requirements in sections 64421 through 64426.1, article 3 (Primary Standards – Bacteriological Quality), for which the State Board determines that a Tier 2 rather than a Tier 3 public notice is required, based on potential health impacts and persistence of the violations;
  - (3) Other violations of the monitoring and testing procedure requirements in this chapter, and chapters 15.5, 17 and 17.5, for which the State Board determines that a Tier 2 rather than a Tier 3 public notice is required, based on potential health impacts and persistence of the violations; or
  - (4) Failure to comply with the terms and conditions of any variance or exemption in place.
- (b) A water system shall give the notice as soon as possible within 30 days after it learns of a violation or occurrence specified in subsection (a), except that the water system may request an extension of up to 60 days for providing the notice. This extension would be subject to the State Board's written approval based on the violation or occurrence having been resolved and the State Board's determination that public health and welfare would in no way be adversely affected. In addition, the water system shall:
  - (1) Maintain posted notices in place for as long as the violation or occurrence continues, but in no case less than seven days;
  - (2) Repeat the notice every three months as long as the violation or occurrence continues. Subject to the State Board's written approval based on its determination that public health would in no way be adversely affected, the water system may be allowed to notice less frequently but in no case less than once per year. No allowance for reduced frequency of notice shall be given in the case of a total coliform MCL violation or violation of a Chapter 17 treatment technique requirement; and
  - (3) For turbidity violations pursuant to sections 64652.5(c)(2) and 64653(c), (d) and (f), as applicable, a water system shall consult with the State Board as soon as possible within 24 hours after the water system learns of the violation to determine whether a Tier 1 public notice is required. If consultation does not take place within 24 hours, the water system shall give Tier 1 public notice within 48 hours after learning of the violation.
- (c) A water system shall deliver the notice, in a manner designed to reach persons served, within the required time period as follows:
  - (1) Unless otherwise directed by the State Board in writing based on its assessment of the violation or occurrence and the potential for adverse effects on public health and welfare, **community** water systems shall give public notice by:
    - (A) Mail or direct delivery to each customer receiving a bill including those that provide their drinking water to others (e.g., schools or school systems, apartment building owners, or large private employers), and other service connections to which water is delivered by the water system; and
    - (B) Use of one or more of the following methods to reach persons not likely to be reached by a mailing or direct delivery (renters, university students, nursing home patients, prison inmates, etc.):
      - 1. Publication in a local newspaper;
      - 2. Posting in conspicuous public places served by the water system, or on the Internet; or
      - 3. Delivery to community organizations.
  - (2) Unless otherwise directed by the State Board in writing based on its assessment of the violation or occurrence and the potential for adverse effects on public health and welfare, **noncommunity** water systems shall give the public notice by:
    - (A) Posting in conspicuous locations throughout the area served by the water system; and
    - (B) Using one or more of the following methods to reach persons not likely to be reached by a public posting:

1. Publication in a local newspaper or newsletter distributed to customers;
2. E-mail message to employees or students;
3. Posting on the Internet or intranet; or
4. Direct delivery to each customer.

**Section 64465 (Public Notice Content and Format) of the CCR states in relevant part:**

(a) Each public notice given pursuant to this article, except Tier 3 public notices for variances and exemptions pursuant to subsection (b), shall contain the following:

- (1) A description of the violation or occurrence, including the contaminant(s) of concern, and (as applicable) the contaminant level(s);
- (2) The date(s) of the violation or occurrence;
- (3) Any potential adverse health effects from the violation or occurrence, including the appropriate standard health effects language from appendices 64465-A through G;
- (4) The population at risk, including subpopulations particularly vulnerable if exposed to the contaminant in drinking water;
- (5) Whether alternative water supplies should be used;
- (6) What actions consumers should take, including when they should seek medical help, if known;
- (7) What the water system is doing to correct the violation or occurrence;
- (8) When the water system expects to return to compliance or resolve the occurrence;
- (9) The name, business address, and phone number of the water system owner, operator, or designee of the water system as a source of additional information concerning the public notice;
- (10) A statement to encourage the public notice recipient to distribute the public notice to other persons served, using the following standard language: —Please share this information with all the other people who drink this water, especially those who may not have received this public notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail; and
- (11) For a water system with a monitoring and testing procedure violation, this language shall be included: "We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not your drinking water meets health standards. During [compliance period dates], we ['did not monitor or test' or 'did not complete all monitoring or testing'] for [contaminant(s)], and therefore, cannot be sure of the quality of your drinking water during that time." ...

(c) A public water system providing notice pursuant to this article shall comply with the following multilingual-related requirements:

- (2) For a Tier 2 or Tier 3 public notice:
  - (A) The notice shall contain information in Spanish regarding the importance of the notice, or contain a telephone number or address where Spanish-speaking residents may contact the public water system to obtain a translated copy of the notice or assistance in Spanish; and
  - (B) When a non-English speaking group other than Spanish-speaking exceeds 1,000 residents or 10 percent of the residents served by the public water system, the notice shall include:
    1. Information in the appropriate language(s) regarding the importance of the notice; or
    2. A telephone number or address where such residents may contact the public water system to obtain a translated copy of the notice or assistance in the appropriate language; and
- (3) For a public water system subject to the Dymally-Alatorre Bilingual Services Act, Chapter 17.5, Division 7, of the Government Code (commencing with section 7290), meeting the requirements of this Article may not ensure compliance with the Dymally-Alatorre Bilingual Services Act.

(d) Each public notice given pursuant to this article shall:

- (1) Be displayed such that it catches people's attention when printed or posted and be formatted in such a way that the message in the public notice can be understood at the eighth-grade level;
- (2) Not contain technical language beyond an eighth-grade level or print smaller than 12 point; and
- (3) Not contain language that minimizes or contradicts the information being given in the public notice.

**Appendix 64465-A. Health Effects Language - Microbiological Contaminants.**

<b>Contaminant</b>	<b>Health Effects Language</b>
Turbidity	Turbidity has no health effects. However, high levels of turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.

**Section 64469 (Reporting Requirements) of CCR states in relevant part:**

(d) Within 10 days of giving initial or repeat public notice pursuant to Article 18 of this Chapter, except for notice given under section 64463.7(d), each water system shall submit a certification to the State Board that it has done so, along with a representative copy of each type of public notice given.

**Section 64481 (Content of the Consumer Confidence Report) of CCR states in relevant part:**

...

(g) For the year covered by the report, the Consumer Confidence Report shall note any violations of paragraphs (1) through (7) and give related information, including any potential adverse health effects, and the steps the system has taken to correct the violation.

(1) Monitoring and reporting of compliance data.

STATE OF CALIFORNIA

**AMENDMENT TO THE  
DOMESTIC WATER SUPPLY PERMIT**

Issued to

Camp Nelson Mutual Water Company

Public Water System No. 5410022

By the

California Department of Public Health

Division of Drinking Water & Environmental Management



PERMIT NO: 03-12-13P-010

DATE: February 21, 2013

**WHEREAS:**

1. The California Department of Public Health (Department) has determined that the existing domestic water supply permit issued to the Camp Nelson Mutual Water Company (Camp Nelson MWC) does not adequately describe the system as it exists today.
2. The application was submitted in accordance with California Health and Safety Code, Section 116525.
3. This public water system is known as the Camp Nelson Mutual Water Company water system, whose mailing address is: P.O Box 94, Camp Nelson, CA, 93208. The Camp Nelson MWC is the legal owner of the water system. Therefore, the Camp Nelson MWC is responsible for compliance with all statutory and regulatory drinking water requirements and the conditions set forth in this permit.
4. The public water system for which the permit was written is described briefly below (a more detailed description of the permitted system is described in the attached report):

The domestic water supply is obtained from surface water supplied by the Belknap Creek. The surface water is treated through an in-line treatment plant. There are four (4) storage tanks with a combined capacity of approximately 510,000 gallons.

***And WHEREAS:***

1. The Camp Nelson Mutual Water Company has submitted all of the required information relating to the proposed operation of the Camp Nelson Mutual Water Company water system.
2. The California Department of Public Health has evaluated all of the information submitted by the Camp Nelson Mutual Water Company water system and has conducted a physical investigation of the water system.
3. The California Department of Public Health has the authority to issue domestic water supply permits pursuant to Health and Safety Code Section 116540.

***THEREFORE:*** The California Department of Public Health has determined the following:

1. The Camp Nelson Mutual Water Company water system meets the criteria for and is hereby classified as a community water system.
2. The applicant has demonstrated that the proposed Camp Nelson Mutual Water Company water system has sufficient source capacity to serve the anticipated water demand for the system.
3. The design of the water system complies with the Water Works Standards and all applicable regulations.
4. The applicant has demonstrated adequate technical, managerial, and financial capacity to reliably operate the water system.
5. Provided the following conditions are complied with, the Camp Nelson Mutual Water Company water system should be capable of providing water to consumers that is pure, wholesome, and potable and in compliance with statutory and regulatory drinking water requirements at all times.

**THE CAMP NELSON MUTUAL WATER COMPANY IS HEREBY ISSUED THIS DOMESTIC WATER SUPPLY PERMIT TO OPERATE THE CAMP NELSON MUTUAL WATER COMPANY.**

The Camp Nelson Mutual Water Company water system shall comply with the following permit conditions:

1. The Camp Nelson Mutual Water Company shall comply with all the requirements set forth in the California Safe Drinking Water Act, California Health and Safety Code and any regulations, standards or orders adopted thereunder.

2. The only approved sources of domestic water supply for use by the Camp Nelson Mutual Water Company are listed in the table below.

Approved Sources

Source Name	Status	Primary Station Number
Belknap Creek - RAW	Active	5410022-002

3. The approved treatment facilities for use by the Camp Nelson Mutual Water Company are in-line filtration and continuous chlorination with sodium hypochlorite.

Approved Treatment

Plant Name	Primary Station Number	Treatment
SWTP (In-line) - Treated	5410022-003	In-line Filtration and Continuous Chlorination

4. No additions, changes or modifications to the sources of water supply or water treatment processes outlined in Provisions Nos. 2 and 3 can be made without prior receipt of an amended domestic water supply permit from this Department.
5. Under the operator certification regulation, the Camp Nelson Mutual Water Company distribution system is classified as a D1 system. The Camp Nelson Mutual Water Company must have a chief distribution operator who is certified, at a minimum, as a D1 distribution system operator.
6. All treatment facilities shall be operated by personnel who have been certified in accordance with the Regulations relating to Certification of Water Treatment Facility Operation, CCR, Title 22. The in-line filtration treatment plant is classified as a T2 treatment plant. The Camp Nelson Mutual Water Company must have a chief treatment operator who is certified, at a minimum, as a T2 treatment system operator.
7. At all times, the Camp Nelson Mutual Water Company shall treat its raw water supply to reliably provide a minimum total reduction for 3.0-log *Giardia* cyst, 4.0-log viruses and 2.0-log *Cryptosporidium* through the filtration and disinfection processes. The Department credits in-line treatment technology with 2.0-log *Giardia* cyst, 1.0-log virus removal and 2.0-log *cryptosporidium* reduction if the plant meets 0.1 NTU in the 95<sup>th</sup> percentile value.
8. Disinfection must be maintained to provide at least 1.0-log reduction of *Giardia* cyst and 3.0-log reduction of viruses. Verification of the *Giardia* cyst and viruses reduction shall be demonstrated by calculating the Contact Time (CT) based on raw water parameters. CT calculations shall be made daily during the peak flow period and also at every four (4) hour interval. The appropriate operational

changes shall be made immediately if a minimum of 1.0-log *Giardia* cyst and virus reduction is not achieved through inactivation.

9. The in-line water treatment plant shall be operated in accordance with the following performance standards:

- a. The turbidity level of the filtered water shall be less than or equal to 0.1 Nephelometric Turbidity Unit (NTU) in 50 percent of the measurements taken each month. The turbidity level of the filtered water shall not exceed 1.0 NTU for more than eight (8) consecutive hours while the plant is in operation.
- b. The turbidity level of the filtered water shall not exceed 5.0 NTU at any time.
- c. The residual disinfectant concentrations of samples collected from the distribution system shall be detectable in at least 95 percent of the samples taken each month that the system serves water to the public.

10. The Camp Nelson Mutual Water Company shall submit a monthly monitoring report on the operation of the treatment plant to the Department by the tenth day of the following month. The report shall be signed by the chief water treatment plant operator, plant superintendent, or other person directly responsible for the operation of the water treatment plant. The Camp Nelson Mutual Water Company shall verify that the data reported was not compromised by system or instrument, maintenance, hardware or software problems, signal transmission problems, or other technical reasons. The monthly report shall include at a minimum the following:

- a. The total number of effluent turbidity measurements taken during the month.
- b. The filter effluent turbidity achieved 50, 90, 95, 98, and 99 percent of the time that the plant was producing water.
- c. The date, time, and value of any turbidity measurements taken during the month that exceeded 1.0 NTU and the actions taken to remedy each incident.
- d. Daily readings of the following: raw and treated water temperature and pH, daily chlorine residual at a point immediately after the treated water storage tank during peak flow, peak flow through the treated water storage tanks and water level in the treated water storage tank during the time of peak flow.

11. The Camp Nelson Mutual Water Company shall at no time allow any water intended for the purpose of providing drinking water bypass any treatment process.

12. The Camp Nelson Mutual Water Company shall operate the water system in accordance with the approved 2012 Operations Plan. If the operations plan is

updated a copy needs to be provided to the Visalia District Office for approval prior to making changes to the operation.

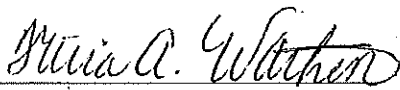
13. By April 1, 2013, the Camp Nelson Mutual Water Company needs to submit an updated Emergency Notification Plan.
14. By April 1, 2013, the Camp Nelson Mutual Water Company needs to submit an updated watershed sanitary survey that has been completed within the past five (5) years or needs to provide a plan and time schedule for completing a watershed sanitary survey.

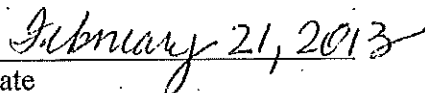
This permit supersedes all previous domestic water supply permits issued for this public water system and shall remain in effect unless and until it is amended, revised, reissued, or declared to be null and void by the California Department of Public Health. This permit is non-transferable. Should the Camp Nelson Mutual Water Company water system undergo a change of ownership, the new owner must apply for and receive a new domestic water supply permit.

Any change in the source of water for the water system, any modification of the method of treatment as described in the permit report, or any addition of distribution system storage reservoirs shall not be made unless an application for such change is submitted to the California Department of Public Health.

This permit shall be effective as of the date shown on the first page of this permit.

**FOR THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH**

  
Tricia A. Wathen, P.E.  
Visalia District Engineer

  
Date



## IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.

Tradúzcalo o hable con alguien que lo entienda bien.

### Camp Nelson Water Company Did Not Meet Turbidity Treatment Requirement

Our water system recently failed a drinking water standard. Although this is not an emergency, as our customers, you have a right to know what you should do, what happened, and what we did to correct this situation.

We routinely monitor your water for turbidity (cloudiness). This tells us whether we are effectively filtering the water supply. Water samples for December 2015 showed that 11.8% of turbidity measurements were over 0.1 turbidity units. The standard is that no more than 5% of samples may exceed 0.1 turbidity units per month. The turbidity levels are relatively low. However, their persistence is a concern. Normal turbidity levels at our plant are [number] turbidity units.

#### What should I do?

- **You do not need to boil your water or take other actions.**
- This is not an emergency. If it had been you would have been notified immediately. We do not know of any contamination, and none of our testing has shown disease-causing organisms in the drinking water.
- *Turbidity has no health effects. However, high levels of turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches. These symptoms are not caused only by organisms in drinking water. If you experience any of these symptoms and they persist, you may want to seek medical advice.*
- People with severely compromised immune systems, infants, and some elderly may be at increased risk. These people should seek advice about drinking water from their health care providers. General guidelines on ways to lessen the risk of infection by microbes are available from EPA's Safe Drinking Water Hotline at 1(800) 426-4791.
- If you have other health issues concerning the consumption of the water, you may wish to consult your doctor.

#### What happened? What was done?

A problem occurred with the treatment system at the water plant. [Describe the reason for high turbidity, corrective actions, and when the system returned or expects to return to compliance].

For more information, please contact [name of contact] at [phone number] or [mailing address].

*Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail.*

#### Secondary Notification Requirements

Upon receipt of notification from a person operating a public water system, the following notification must be given within 10 days [Health and Safety Code Section 116450(g)]:

- **SCHOOLS:** Must notify school employees, students, and parents (if the students are minors).
- **RESIDENTIAL RENTAL PROPERTY OWNERS OR MANAGERS** (including nursing homes and care facilities): Must notify tenants.
- **BUSINESS PROPERTY OWNERS, MANAGERS, OR OPERATORS:** Must notify employees of businesses located on the property.

This notice is being sent to you by Camp Nelson Water Company.

State Water System ID#: 5410022. Date distributed: \_\_\_\_\_.

**PROOF OF NOTIFICATION**

(Return with copy of the Notice)

As required by Section 116450 of the California Health and Safety Code, I notified all users of water supplied by the Camp Nelson Mutual Water Company of the failure to meet the turbidity performance standard for the month of December 2015 as directed by the Division. At least one primary distribution method is required: mail or hand-delivery. A second method is also required in order to reach persons not likely to be reached by a mailing, direct delivery or newspaper publication (renters, nursing home patients, prison inmates, etc.):

Notification was made on \_\_\_\_\_.  
(date)

To summarize report delivery used and good-faith efforts used, please check all items below that apply and fill-in where appropriate:

- ☐ The notice was distributed by mail delivery to each customer served by the water system.
- ☐ The notice was distributed by direct delivery to each customer served by the water system. Specify direct delivery method(s) used: \_\_\_\_\_
- ☐ Publication of the notice in a local newspaper or newsletter of general circulation (attach a copy of the published notice, including name of newspaper and date published).
- ☐ Posted the notice at the following conspicuous locations served by the water system (if needed, please attach a list of locations). \_\_\_\_\_
- ☐ Posted the notice on the Internet at www. \_\_\_\_\_
- ☐ Other method used to notify customers. \_\_\_\_\_

**DISCLOSURE:** Be advised that Section 116725 and 116730 of the California Health and Safety Code state that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the attached order may be liable for a civil penalty not to exceed five thousand dollars (\$5,000) for separate violation for each day that violation continues. In addition, the violators may be prosecuted in criminal court and upon conviction, be punished by a fine of not more than \$25,000 for each day of violation, or be imprisoned in the county jail not to exceed one year, or by both the fine and imprisonment.

Certified by Name and Title: \_\_\_\_\_

Date: \_\_\_\_\_ Signature: \_\_\_\_\_

Due to the Division of Drinking Water within 10 days of notification to the public  
Turbidity Performance Standard Failure / Citation No.: 03-12-16C-003